TABLE S-3 Summary of Paducah Conversion Facility Parameters

Parameter/Characteristic	Value
Construction start	2004
Construction period	2 years
Start of operations	2006
Operational period	25 years
Facility footprint	10 acres (4 ha)
Facility throughput	18,000 t/yr (20,000 tons/yr) DUF_6 (≈1,400 cylinders/yr)
Conversion products	
Depleted U_3O_8	14,300 t/yr (15,800 tons/yr)
CaF_2	24 t/yr (26 tons/yr)
70% HF acid	3,300 t/yr (3,600 tons/yr)
49% HF acid	7,700 t/yr (8,500 tons/yr)
Steel (emptied cylinders, if not used as disposal containers)	1,980 t/yr (2,200 tons/yr)

TABLE S-4 Summary of Proposed Conversion Product Treatment and Disposition

Conversion Product	Packaging/Storage	Proposed Disposition	Optional Disposition
Depleted U_3O_8	Packaged in emptied cylinders for disposal (bulk bags are an option).	Disposal at Envirocare of Utah, Inc.[a]	Disposal at Nevada Test Site (NTS).[a]
CaF_2	Packaged for sale or disposal.	Commercial sale pending DOE approval of authorized release limits, as appropriate.	Disposal at Envirocare of Utah, Inc.[a]
HF acid (70% and 49%)	HF would be commercial grade and stored on site until loaded into rail tank cars.	Sale to commercial HF acid supplier pending DOE approval of authorized release limits, as appropriate.	Neutralization of HF to CaF_2 for use or disposal.
Steel (emptied cylinders)	If bulk bags were used for U_3O_8 disposal, emptied cylinders would be processed for disposal; otherwise used for disposal of U_3O_8.	Disposal at Envirocare of Utah, Inc.[a]	Disposal at NTS.[a]

[a] DOE plans to decide the specific disposal location(s) for the depleted U_3O_8 conversion product after additional appropriate NEPA review. Accordingly, DOE will continue to evaluate its disposal options and will consider any further information or comments relevant to that decision. DOE will give a minimum 45-day notice before making the specific disposal decision and will provide any supplemental NEPA analysis for public review and comment.